

**SYSTEM AND METHOD FOR ENCODING INFORMATION  
INTO A VIDEO SIGNAL**

**Abstract of the Disclosure**

A system (10) and method of the present invention encodes information into a video signal by substituting luminance information within the video signal with a modulated frame of content data on one or more lines of the active portion of the video signal to provide an additional information channel on the video signal. A modulation and video synchronization circuit (32) converts content data into at least one modulated frame of content data having video synchronization information. An interleaver (34) is operatively connected to the modulation and video synchronization circuit (32) and interleaves the modulated frame of content data within at least one selected line of the video signal.

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